

AMENDMENTS TO THE CLAIMS

1-4. (Canceled)

5. (Currently Amended) A reproducing apparatus, comprising:

a mainstream reproducing unit to reproduce mainstream data including still image data, using a mainstream ~~arrive~~arrival time clock which is used to depacketize the mainstream data and a mainstream system time clock which is used to decode the depacketized mainstream data; and

a sub audio reproducing unit to reproduce sub audio data separately added into the mainstream data, using a sub audio arrival time clock which is used to depacketize the sub audio data and is independent of the mainstream arrival time clock and a sub audio system time clock which is used to decode the depacketized sub audio data and is independent of the mainstream system time clock.

6. (Currently Amended) The apparatus of claim 5, wherein:

the mainstream reproducing unit comprises:

a mainstream depacketizer that depacketizes the mainstream data using the mainstream arrival time clock, and

~~a mainstream ATC counter which is used in depacketizing the mainstream data with the mainstream depacketizer; and~~

the sub audio reproducing unit comprises:

a sub audio depacketizer that depacketizes the sub audio data using the sub audio arrival time clock, and

~~a sub audio ATC counter which is used in depacketizing the sub audio data with the sub audio depacketizer.~~

7. (Currently Amended) The apparatus of claim 6, wherein:

the mainstream reproducing unit further comprises:

a mainstream decoder that decodes the mainstream data output from the mainstream depacketizer using the mainstream system time clock, ~~and~~

~~a mainstream STC counter that provides a clock used in decoding the mainstream data with the mainstream decoder; and~~

the sub audio reproducing unit further comprises:

a sub audio decoder that decodes the sub audio data output from the sub audio depacketizer using the sub audio system time clock, ~~and~~

~~a sub audio STC counter that provides a clock used in decoding the sub audio data with the sub audio decoder.~~

8-17. (Canceled)

18. (Currently Amended) A reproducing apparatus reproducing video and audio data streams recorded on a recording disc, the apparatus comprising:

a first reproducer reproducing a first data stream based on first counters; and

a second reproducer reproducing a second data stream based on second counters,

wherein the first counters comprise a first arrival time clock counter and a first system time clock counter, and the second counters comprise a second arrival time clock counter and a second system time clock counter which are initialized based on program clock reference information in the first and second data stream.

19. (Original) The apparatus of claim 18, wherein when the first and second counters are independently adjusted without affecting each other.

20. (Canceled)

21. (Currently Amended) The apparatus of claim 18, wherein:
the first reproducer comprises:
 a first buffer which captures the first data stream;
 a first source depacketizer which depacketizes the first data stream based on a count of the first arrival time clock counter; ~~and~~;
 a demultiplexer which demultiplexes the depacketized first data stream; and
 a first decoder decoding the demultiplexed first data stream based on a count of the first system time clock counter.

22. (Original) The apparatus of claim 21, wherein the first data stream comprises mainstream data, and the second data stream comprises sub audio data.

23. (Original) The apparatus of claim 22, wherein the mainstream data comprises still image data.

24. (Original) The apparatus of claim 22, wherein the mainstream data comprises a browsable slide show.

25-26. (Canceled)

27. (Currently Amended) The apparatus of claim 21, wherein the second reproducer comprises:
 a second buffer which captures the second data stream;
 a second source depacketizer which depacketizes the second data stream based on a count of the second arrival time clock counter; and
 a second decoder decoding the depacketized second data stream based on a count of the second system time clock counter.

28. (Original) The apparatus of claim 27, wherein the first data stream comprises mainstream data, and the second data stream comprises sub audio data.

29. (Original) The apparatus of claim 27, wherein the second data stream comprises sub audio data which is reproduced regardless of the first data stream reproduction.

30. (Original) The apparatus of claim 27, wherein the second data stream is separately added to the first data stream on the recording disc.

31. (New) A recording medium, comprising:

mainstream data comprising still image data in the form of packets, to be reproduced using a mainstream arrival time clock which is used to depacketize the mainstream data and a mainstream system time clock which is used to decode the depacketized mainstream data; and

sub audio data, which is separately added in the mainstream data, in the form of data packets, to be reproduced using a sub audio arrival time clock which is used to depacketize the sub audio data and is independent of the mainstream arrival time clock and a sub audio system time clock which is used to decode the depacketized sub audio data and is independent of the mainstream system time clock.

32. (New) A recording medium, comprising:

a first data stream in the form of data packets to be reproduced based on first counters;
and

a second data stream in the form of data packets to be reproduced based on second counters,

wherein the first and second counters are independently adjusted without affecting each other, and

wherein the first counters comprise a first arrival time clock counter and a first system time clock counter included in a reproducing apparatus, and the second counters comprise a second arrival time clock counter and a second system time clock counter included in the reproducing apparatus which are initialized based on program clock reference information in the first and second data stream.

33. (New) The recording medium of claim 32, wherein the first data stream comprises mainstream data, and the second data stream comprises sub audio data.

34. (New) The recording medium of claim 33, wherein the mainstream data comprises still image data.

35. (New) The recording medium of claim 33, wherein the mainstream data comprises a browsable slide show.